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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Application of: Faustman et al.

Serial No.: 09/031,629

Filed: February 27, 1998

Entitled: METHODS FOR DIAGNOSING AND  
TREATING AUTOIMMUNE DISEASE

Examiner: P. Nolan

Art Unit: 1644

Confirmation No.: 8880

Atty. Docket No.: 17633/1030

**Box: CPA**  
Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Kindly enter the following amendments and remarks in the above referenced patent application.

**In the Claims:**

Kindly replace claims 65, 70 and 71 with the following:

- Sub E1  
D1
65. A method of screening for autoimmune disease associated with a reduction in NF $\kappa$ B activity in a mammal deemed to be at risk for an autoimmune disease, comprising:
- a) providing a biological sample from a mammal; and
  - b) detecting activity of proteasomes in said sample by measuring the level of proteolytic products derived from the proteolytic processing of NF $\kappa$ B by said proteasomes generated by said proteasomes, wherein a reduction in the level of said proteolytic products from a basal state is correlated with the presence of an autoimmune disease associated with a reduction in NF $\kappa$ B activity.